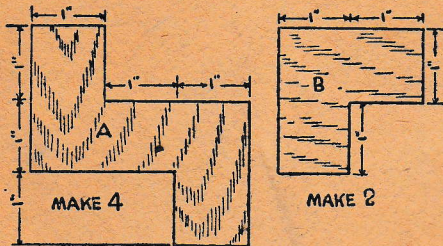
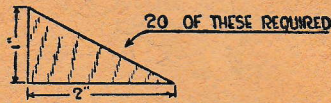


## CUT-UP CROSS



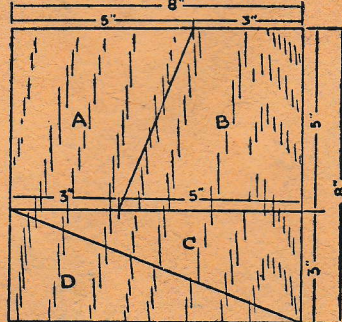
LAY OUT THE ABOVE DIAGRAMS ON  $\frac{1}{4}$  IN. PLYWOOD. DO NOT LAY THE PARTS OUT IN ANY WAY THAT BRINGS GRAIN TO MATCH UP, OR THE PARTS WILL GIVE A CLUE IN MATCHING UP ON ASSEMBLING THE PUZZLE. CUT OUT 4 OF FIGURE "A" AND 2 OF FIGURE "B". WHEN THE 6 PIECES ARE ASSEMBLED PROPERLY THEY WILL FORM A CROSS.

## CUT-UP SQUARE



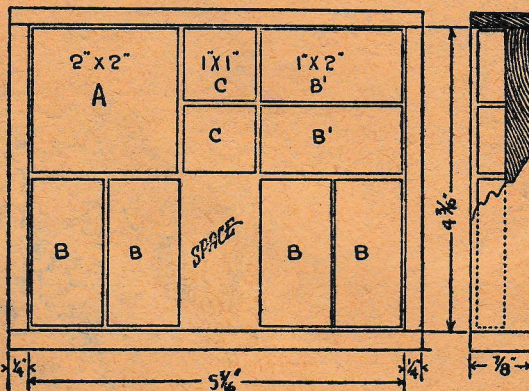
CUT OUT 20 OF THE ABOVE DIAGRAM FROM  $\frac{1}{4}$  INCH PLYWOOD. BE SURE TO LAY THEM OUT SO THAT THE GRAIN DOES NOT MATCH UP WITH ANY OTHER PIECE. WITH THE 20 PIECES TRY AND FORM A SQUARE. IT CAN BE DONE.

## ONE SQUARE INCH



THIS ONE MAY HAVE FOOLED YOUR FATHER, BUT DON'T LET IT STICK YOU. A PIECE OF PLYWOOD 8"X8" IS MEASURED OFF AS SHOWN AT THE RIGHT. CHECK YOUR MEASUREMENTS FOR ACCURACY AND SAW APART. WITH THE FOUR PIECES—A, B, C AND D—TRY AND FORM A RECTANGLE. WHEN YOU HAVE MADE THE RECTANGLE MEASURE IT. IT IS 5"X13"=65 SQ. INCHES. THE SQUARE YOU STARTED WITH WAS 8"X8"=64 SQ. INCHES. NET GAIN=ONE SQ. INCH.

## SHUFFLE BOARD



THE BASE OF THIS PUZZLE IS  $\frac{1}{2}$ " THICK BY  $4\frac{3}{16}$ " X  $5\frac{3}{4}$ ". NAIL  $\frac{1}{4}$ " STRIPS  $\frac{1}{8}$ " HIGH AROUND THE BASE AND TRIM OFF THE ENDS. THE PLAYING BLOCKS ARE MADE FROM  $\frac{3}{8}$  IN. THICK PLYWOOD. YOU WILL REQUIRE:—  
1 -  $\frac{3}{8}$ " X 2" X 2" FIG. A  
6 -  $\frac{3}{8}$ " X 1" X 2" FIG. B  
2 -  $\frac{3}{8}$ " X 1" X 1" FIG. C  
SMOOTH OFF THE BLOCKS WITH SANDPAPER.

PLACE THE BLOCKS AS SHOWN IN THE DIAGRAM. THE OBJECT OF THIS GAME IS TO TRY AND MOVE BLOCK "A" OVER TO THE CORNER OCCUPIED BY BLOCKS MARKED "B".